

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|---------------------|
| S2 | 271632 | lcd (liquid near crystal near display) and (gate near electrode) and (column\$4 with conduct\$3 with film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:40 |
| S3 | 271545 | lcd (liquid near crystal near display) and (gate near electrode) and (columnar with conduct\$3 with film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 12:46 |
| S4 | 271514 | lcd (liquid near crystal near display) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:24 |
| S5 | 2 | ((lcd (liquid near crystal near display)) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 10:39 |
| S6 | 210 | ((lcd (liquid near crystal near display)) and (gate near electrode) and (column\$3 with conduct\$3 with film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:11 |
| S9 | 153 | ((thin near film near transistor) TFT) and (drain near electrode) and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:14 |
| S10 | 55 | ((thin near film near transistor) TFT) and ((drain near electrode) with column\$3) and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:15 |
| S11 | 40 | ((@pd @ad)< "20031114" and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:29 |

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| S12 | 131 | (@pd @ad)<"20031114" and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 15:00 |
| S13 | 2 | ((lcd ((liquid near crystal near display)) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:45 |
| S14 | 2 | ((lcd ((liquid near crystal near display)) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:44 |
| S15 | 2 | ((lcd ((liquid near crystal near display)) and (gate near electrode) and (column\$ near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 13:45 |
| S16 | 13 | (5747930 6614053 6767772 20020056838 0005739 20050026423 20050037614).pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 14:26 |
| S17 | 2 | ((lcd ((liquid near crystal near display)) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 14:59 |
| S18 | 54 | ((lcd ((liquid near crystal near display)) and (gate near electrode) and (columnar with conduct\$3 with film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 14:59 |
| S19 | 10 | S18 and (droplet near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 15:00 |
| S20 | 0 | (@pd @ad)<"20031114" and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 15:00 |

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| S21 | 23 | (@pd @ad)<"20031114" and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:32 |
| S22 | 2 | (lcd (liquid near crystal near display)) and (gate near electrode) and (columnar near conduct\$3 near film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:26 |
| S23 | 54 | (lcd (liquid near crystal near display)) and (gate near electrode) and (columnar with conduct\$3 with film) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:27 |
| S24 | 23 | (@pd @ad)<"20031114" and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:44 |
| S25 | 0 | S24 and (droplet near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:28 |
| S26 | 131 | (@pd @ad)<"20031114" and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 08:16 |
| S28 | 215 | (lcd (liquid near crystal near display)) and (columnar near10 conduct \$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:49 |
| S29 | 120 | (@pd @ad)<"20031114" and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:52 |
| S30 | 45 | (lcd (liquid near crystal near display)) and (columnar near10 conduct \$3) and (pixel near Portion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 16:50 |
| S31 | 13 | (@pd @ad)<"20031114" and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:25 |

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| S32 | 905 | (lcd (liquid near crystal near display)) and (droplet near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:31 |
| S33 | 337 | (@pd @ad)< "20031114" and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:32 |
| S34 | 5735 | 257/57,59,66,72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:26 |
| S35 | 1 | S33 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:26 |
| S36 | 9 | S33 and (drain near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:27 |
| S37 | 10640 | (lcd (liquid near crystal near display)) and (pixel near portion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:31 |
| S38 | 6550 | (@pd @ad)< "20031114" and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:32 |
| S39 | 2727 | S38 and pixel near electrode and drain near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:33 |
| S40 | 1074 | S38 and ((pixel near electrode) same (conductive near film)) and drain near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:35 |
| S41 | 504 | S38 and ((pixel near electrode) and (drain near electrode) same (conductive near film)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/20 17:36 |

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|-----|----------|--|--|----|----|---------------------|
| S42 | 2 | "5084905".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:37 |
| S43 | 47 | (TFT (liquid near crystal near display)) and ((base near film) pretreat\$3) and photocatalyst and (gate drain source) and (gold silver copper platinum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:43 |
| S44 | 15 | (TFT (liquid near crystal near display)) and (((base near film) pretreat\$3) same photocatalyst) and (gate drain source) and (gold silver copper platinum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:43 |
| S45 | 35512062 | (@pd @ad)<"20031114" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:44 |
| S46 | 9 | (@pd @ad)<"20031114" and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:46 |
| S47 | 21 | S45 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:46 |
| S48 | 12 | S47 not S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 09:46 |
| S49 | 47 | (TFT (liquid near crystal near display)) and ((base near film) pretreat\$3) and photocatalyst and (gate drain source) and (gold silver copper platinum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 08:15 |
| S50 | 15 | (TFT (liquid near crystal near display)) and (((base near film) pretreat\$3) same photocatalyst) and (gate drain source) and (gold silver copper platinum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 08:15 |

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|-----|------|---|--|----|----|---------------------|
| S51 | 32 | S49 not S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 08:16 |
| S52 | 12 | (@pd @ad)<"20031114" and S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 08:16 |
| S53 | 8304 | (Iod (liquid near crystal near display)) and (gate near electrode) and (columnar pillar with (electrode) (conduct\$3 near3 film)) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:02 |
| S54 | 8161 | (Iod (liquid near crystal near display)) and (gate near electrode) and (((columnar) (pillar)) with (electrode) (conduct\$3 near3 film)) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 10:42 |
| S55 | 384 | (Iod (liquid near crystal near display)) and (gate near electrode) and (((columnar) (pillar)) with (electrode) (conduct\$3 near3 film))) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 10:43 |
| S56 | 85 | (Iod (liquid near crystal near display)) and (gate near electrode) and (((columnar) (pillar)) with (drain near2 (electrode) (conduct\$3 near3 film))) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 10:50 |
| S57 | 3 | (Iod (liquid near crystal near display)) and (gate near electrode) and (((columnar) (pillar)) with (drain near2 (electrode) (conduct\$3 near3 film)) with stack\$3) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 10:50 |
| S58 | 21 | (Iod (liquid near crystal near display)) and (gate near electrode) and ((columnar pillar with (electrode) (conduct\$3 near3 film)) with drain with droplet) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:10 |

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|-----|----------|--|--|----|----|---------------------|
| S59 | 68 | (lod (liquid near crystal near display)) and (gate near electrode) and ((columnar pillar with (electrode) (conduct\$3 near\$3 film)) same drain same droplet) and (pixel near electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:10 |
| S60 | 47 | S59 not S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:10 |
| S61 | 37315608 | (@pd @ad)<"20041105" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:12 |
| S62 | 5 | (@pd @ad)<"20041105" and S60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:05 |
| S63 | 2 | "20040056296".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 06:22 |
| S64 | 4 | ("2004/0056296").URPN. | USPAT | OR | ON | 2007/12/12 08:01 |
| S65 | 48 | ("20010029070" "20040056296" "20040065882" "4409724" "4810060" "4822751" "4823180" "4849797" "4851370" "4886962" "4984033" "5200634" "5292675" "5341012" "5343066" "5362685" "5365079" "5396084" "5485020" "5508209" "5563427" "5594569" "5608251" "5616935" "5620905" "5635416" "5643826" "5683931" "5818552" "5835169" "5847432" "5882960" "5895933" "5923962" "5942310" "5998838" "6066860" "6069678" "6077731" "6133967" "6184093" "6198133" "6278131" "6316787" "6330044" "6590229" "6639244" "6639265").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/12 08:04 |

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|-----|------|--|--|----|----|---------------------|
| S66 | 482 | semiconductor near2 energy near laboratory and droplet | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/12 08:05 |
| S67 | 46 | (@pd @ad)<"20031105" and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:42 |
| S68 | 2 | "6639265".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:42 |
| S69 | 453 | liquid near2 crystal near3 display and terminal near3 portion and columnar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 15:34 |
| S70 | 183 | (@pd @ad)<"20031114" and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 15:34 |
| S71 | 178 | liquid near2 crystal near3 display and terminal near3 portion and pillar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 06:38 |
| S72 | 74 | (@pd @ad)<"20031114" and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 06:39 |
| S73 | 1074 | ((liquid near2 crystal near2 display)("TFT")) and droplet near2 discharge | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 06:54 |
| S74 | 201 | ((liquid near2 crystal near2 display)("TFT")) and droplet near2 discharge and (columnar pillar) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 06:58 |
| S75 | 14 | (@pd @ad)<"20031114" and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 06:58 |
| S76 | 86 | ((liquid near2 crystal near2 display)("TFT")) and columnar near2 conduct\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 06:59 |
| S78 | 50 | (@pd @ad)<"20031114" and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 07:00 |

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| S79 | 5 | ((liquid near2 crystal near2 display)("TFT")) and columnar and pixel near2 potion and terminal near2 portion | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 07:02 |
| S80 | 5 | ((liquid near2 crystal near2 display)("TFT")) and (columnar pillar) and pixel near2 potion and terminal near2 portion | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 07:02 |
| S81 | 4 | ("@pd @ad)<"20031114" and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 07:02 |
| S82 | 2 | "6639265".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 07:51 |
| S83 | 1489 | (lod (liquid near crystal near display)) and (droplet near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/02 15:42 |
| S84 | 339 | ("@pd @ad)<"20031114" and S83 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/02 15:42 |
| S85 | 134 | ("@pd @ad)<"20021114" and S83 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/02 15:55 |
| S86 | 849 | semiconductor near2 energy near laboratory and droplet | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/03 11:48 |
| S87 | 48 | ("@pd @ad)<"20031105" and S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/03 11:48 |
| S88 | 0 | S87 and pillar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/03 11:48 |
| S89 | 7 | S87 and stack\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/03 11:49 |

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|-----|----|--|--|----|----|---------------------|
| S90 | 2 | "6639265".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/03 12:36 |
| S91 | 21 | ("20010029070" "20020175376" "5247190" "5343066" "5365079" "5399502" "5608251" "5620905" "5643826" "5671027" "5923962" "6066860" "6077731" "6088258" "6140667" "6147667" "6166414" "6248368" "6278131" "6285042" "6335541").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/03 12:37 |
| S92 | 0 | droplet and S91 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/03 12:40 |
| S93 | 1 | "20070090358".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/03 12:40 |
| S95 | 1 | NN700 near10 dielectric | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/03 17:06 |

2/ 4/ 2009 8:36:01 AM

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 \ 10576420 TFT liquid crystal display w columnar conductive.wsp